

Converting Colors

Hex(039680)

Have a look what the booklet for
Hex(039680) contains.

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Color

Hex(039680)

Conversions

Conversions Part 1

Format	Color
Hex	039680
RGB	3, 150, 128
RGB Percent	1%, 59%, 50%
CMY	0.9882, 0.4118, 0.4980
CMYK	0.98, 0.00, 0.15, 0.41
HSL	171°, 96%, 30%
HSV	171°, 98%, 59%
XYZ	14.8402, 23.3906, 24.1547
YIQ	103.5390, -80.5500, -38.0060

Conversions

Conversions Part 2

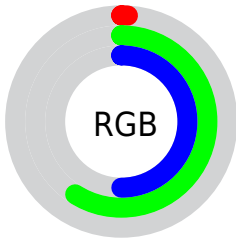
Format	Color
RYB	3, 82, 150
Decimal	235136
CIELab	55.47, -38.83, 2.16
CIELCh	55, 38.892, 176.822
Yxy	23.3906, 0.2379, 0.3749
Android (android.graphics.Color)	4278425216 (0xFF039680)
YUV	103.5390, 12.0593, -88.1727
Hunter-Lab	48.3638, -29.8648, 4.2429

Details

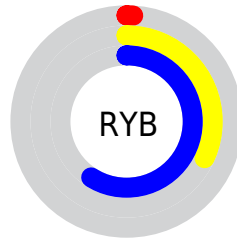
The Hex color **039680** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **960319**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **58CDB5**, and **00624F** is the 20% darker color. If you saturate the color by 10%, you get **009680**, and if you desaturate by 10%, it is **129682**.

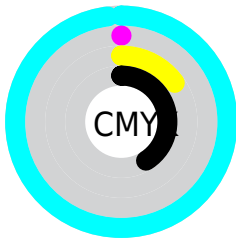
Distribution



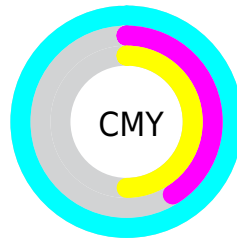
- Red (1%)
- Green (59%)
- Blue (50%)



- Red (1%)
- Yellow (32%)
- Blue (59%)



- Cyan (98%)
- Magenta (0%)
- Yellow (15%)
- Black (41%)



- Cyan (99%)
- Magenta (41%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 039680 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 039680 by changing the saturation by 10% instead.

 039680

 039680

FFFFFF

 007C67

 58CDB5

 00624F

 76E9D0

 004938

 93FFEC

 003223

 B1FFFF

 001C0D

 CEFFFF

 000000


 ECFFFF

 039680

 039680

 009680

 129682

 219684

 309687

 3F9689

 4E968B

 5D968D

 6C9690

 7B9692

 8A9694

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52935F



039680



0096A2

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



039680



827DC1



B6764D

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



039680



960319

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



C46C68



039680



AB71AA

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



039680



4489C8



C1698A



9D8240

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



039680



0094B5



C1698A



BD7255

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



039680



8AC2B9



199603



3F615C



E0E0E0



616161

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



039680



00C2A5



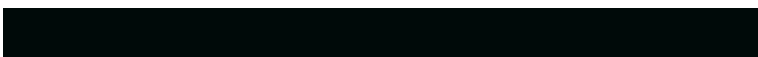
036396



434A49



008A75



000A09

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



960319



C2001D



963603



4A4344



8A0015



0A0002

Previews

White Background



This preview shows how the Hex color 039680 looks on a white background.

Color Contrast Check

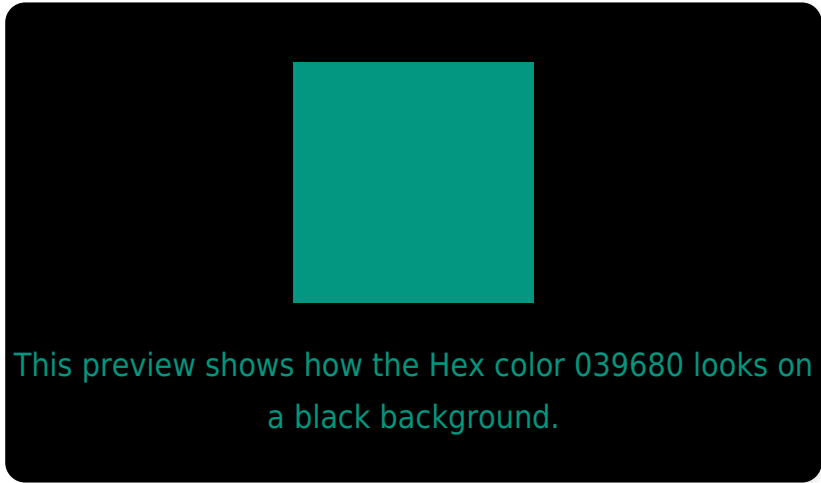
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

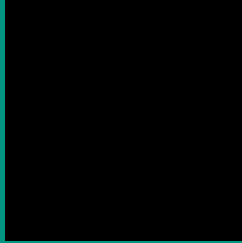
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 039680 Background



This preview shows how black text looks on a background with the Hex color 039680.

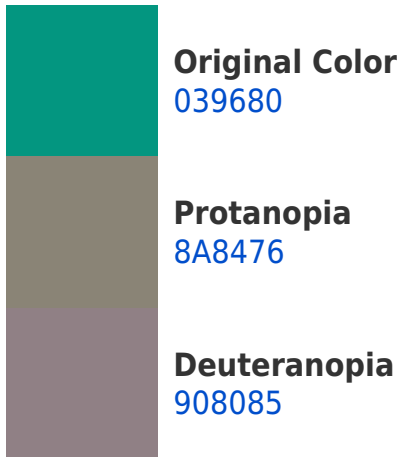


This preview shows how white text looks on a background with the Hex color 039680.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
2A929E

Trichromacy



Original Color
039680



Protanomaly
598B7A



Deuteranomaly
5D8883



Tritanomaly
1C9393

Monochromacy



Original Color
039680



Achromatopsia
686868



Achromatomaly
437971

CSS Examples

Text

The CSS property to change the color of the text to Hex 039680 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #039680 looks like.

```
.text, #text, p{  
    color:#039680  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #039680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #039680
}
```

Border

The CSS property to change the border of an element to Hex 039680 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#039680 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#039680 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #039680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #039680; -webkit-box-shadow:4px 4px  
4px 4px #039680; box-shadow:4px 4px 4px  
4px #039680 }
```

Background

The CSS property to change the background color of an element to Hex 039680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#039680 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#039680 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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